SOF Status / Plans

SOF Platforms Supported

- AC-130U Spooky Gunship
- AC-130H Spectre Gunship
- AH/MH-6J/M Littlebird
- EC-130E Commando Solo
- FID aircraft
- MC-130E Combat Talon I
- MC-130H Combat Talon II
- MC-130P Combat Shadow

- MH-53J/M Pave Low III
- MH-47D Chinook
- MH-47E Chinook
- MH-60K Blackhawk
- MH-60L Blackhawk/IDAP
- UH-1N
- Classified aircraft

* Includes AWE and FPM Support

FID - Foreign Internal Defense
IDAP - Integrated Defensive Armed Penetrator

On-Going Efforts

- ## Weight & Balance Tools
  - Two variants
    - Point solution for all 160th platforms (via highly enhanced Excel application)
    - Route-based solution which supports MH-47E & MH-60K (works with PFPS, 47E/60K AWE and PPC)

- ## PPC
  - Added second page to 60K/60L/6M cards (more calculation options)
  - Major GUI enhancements to MH-47E card
  - Potential enhancement to the MH-47D card

On-Going Efforts (con't)

- TOLD
  - Enhancements to support AFSOC C-130 operator's manual changes
- HOPS
  - Minor GUI changes to support HH-60s (AFSOC/ACC)
- Approach Planning Tool (APT) - performs calculations and generates SCA drawing files
  - Release 1.0 fielded in Jan 04
  - Working on version 2.0 requirements

On-Going Efforts (con't)

- Surface Danger Zone
  - Minor enhancements in version 1.4.4
  - Provide source code to Tybrin to support WEZOT development

- Regridded DTED (RDTED) Tool
  - Release 2.0 – enhancements to make application more user friendly
  - Support DTED data loading to the Harris Digital Map (DIGMAP) platforms (MH-47K/60K/53M)
  - Interim solution until DIGMAPs are replaced
  - Numerous issues identified during testing (no RDTED standard exists)

On-Going Efforts (con't)

- SOFTools suite – set of mission planning & execution tools (Temporal Plan Editor (TPE), the Checklist Editor (CLE), the Multi-Mission Viewer (MMV), and the DBProxy)
  - Adding enhancements to improve collaboration capabilities
  - Adding spatial component to the TPE
    - Providing a robust capability to bi-directionally transfer/share data between C2PC and PFPS

New Platform Developments

- CAAS Mission Planning Suite (AWE and W&B application)

- C-130 AMP program

- Numerous Unmanned (air, surface and sub-surface) platforms

Planned Developments

- Route Performance Manager
  - Purpose to allow easy access to performance data across the route
  - Quickly identify and access performance critical areas in the route
  - Color coded to allow for fast visual response
  - Tabular route view in which the user can tailor what calculations are shown
  - Perform 'what if' point calculations
  - If desired, also update the CFPS route with updated data.
- VVOD
- Route Analysis Tool – re-work